

Amendments to the Drawings:

The attached sheets of drawings include changes to Figures 3-5. These sheets, which include Figures 3-5, replace the replacement sheets of drawings, submitted with the Amendment dated August 22, 2003, including Figures 3-5. In Figures 3-5, the term "BF100" has been deleted and replaced with the term "NRRL B-11474".

Attachment: Replacement Sheets (3)
Annotated Sheets Showing Changes (3)



EFFECT OF VARIOUS SUBSTRATE CONCENTRATIONS ON PYRUVATE CARBOXYLASE
ACTIVITY FROM *C. glutamicum* ~~BE100~~ (○) AND ATCC 21253 (●).

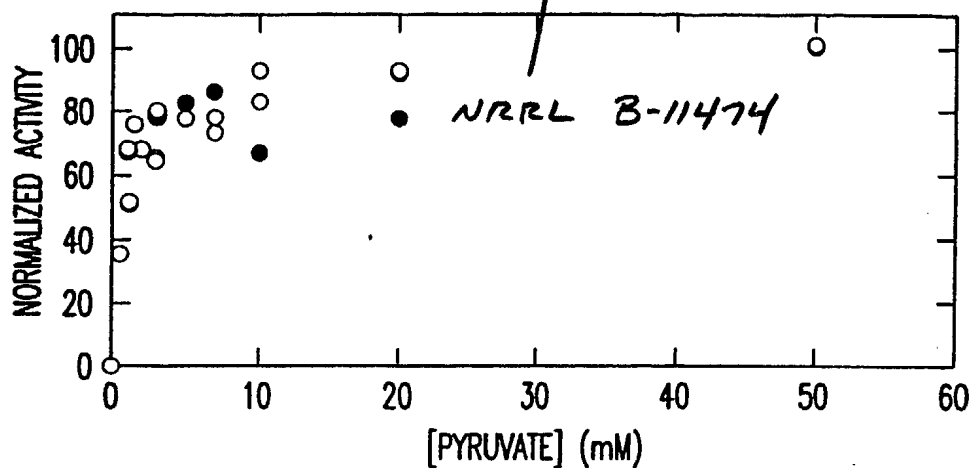


FIG. 3A

EFFECT OF VARIOUS SUBSTRATE CONCENTRATIONS ON PYRUVATE CARBOXYLASE
ACTIVITY FROM *C. glutamicum* ~~BE100~~ (○) AND ATCC 21253 (●).

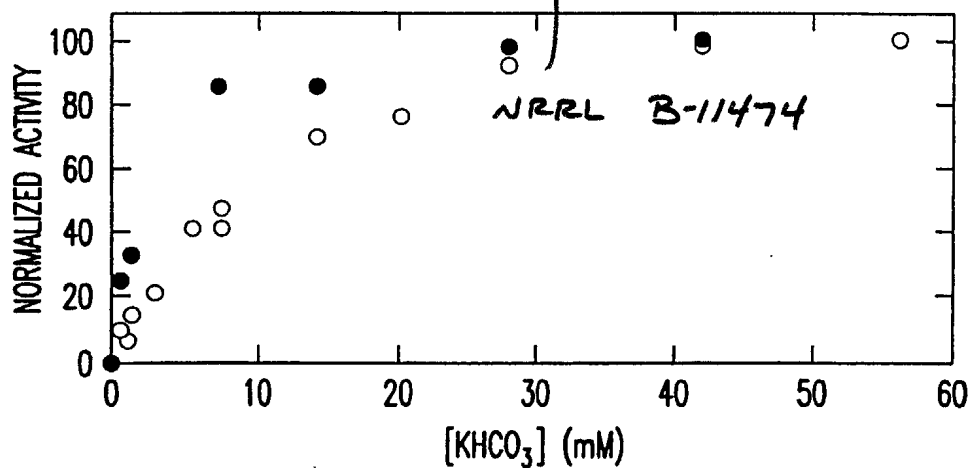


FIG. 3B

EFFECT OF VARIOUS SUBSTRATE CONCENTRATIONS ON PYRUVATE CARBOXYLASE
ACTIVITY FROM *C. glutamicum* ~~BE100~~ (○) AND ATCC 21253 (●).

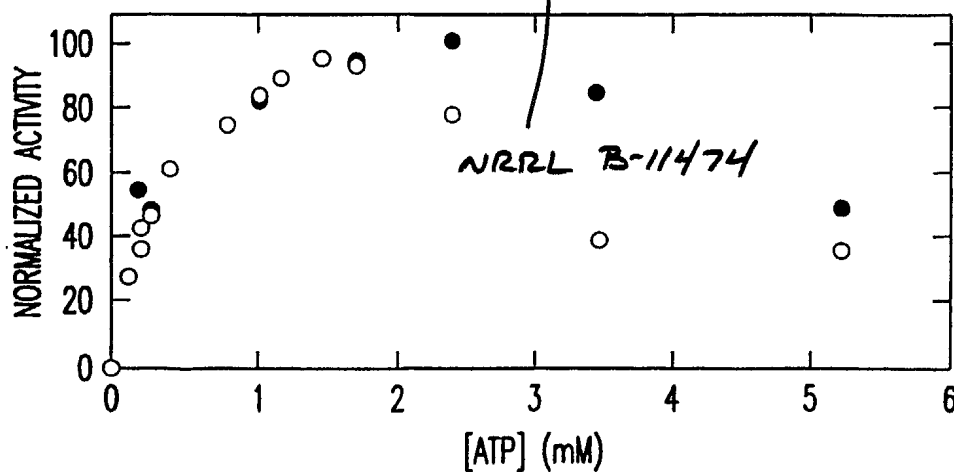


FIG. 3C

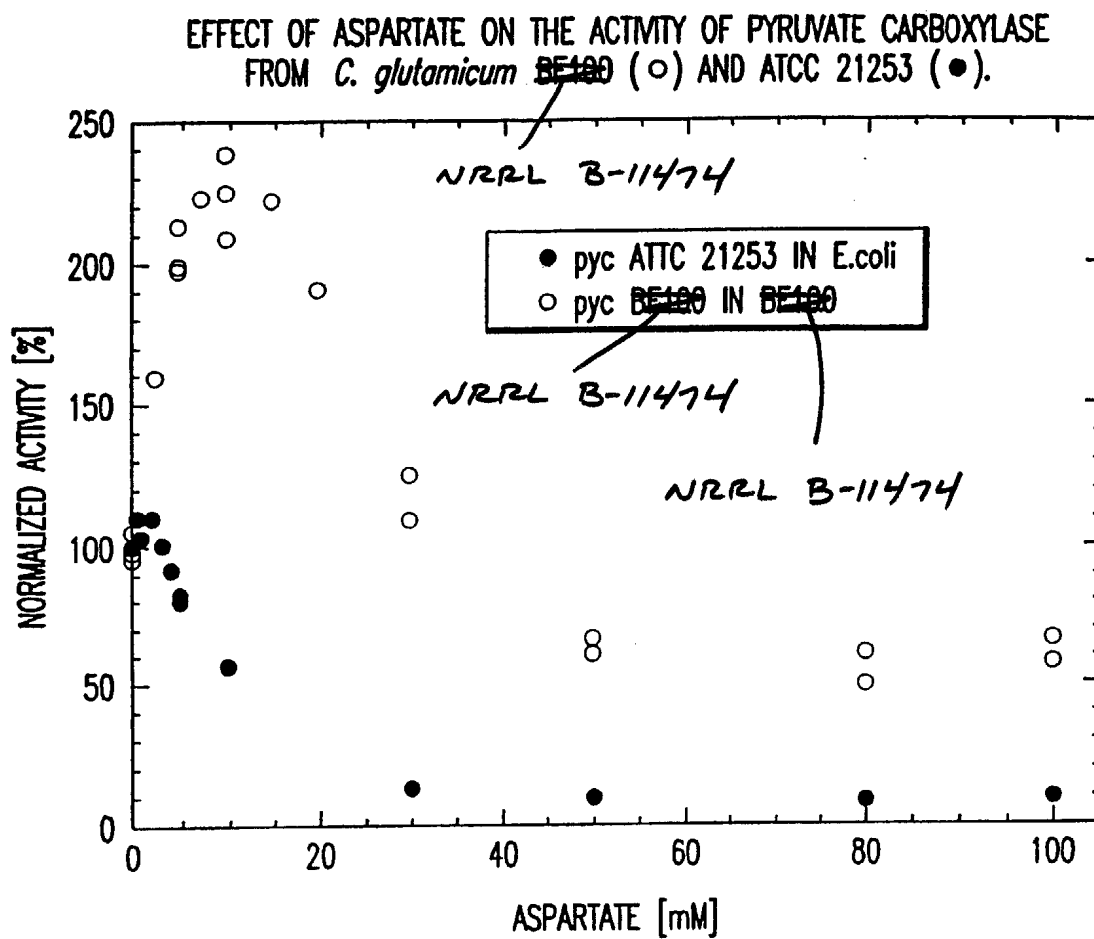


FIG. 4

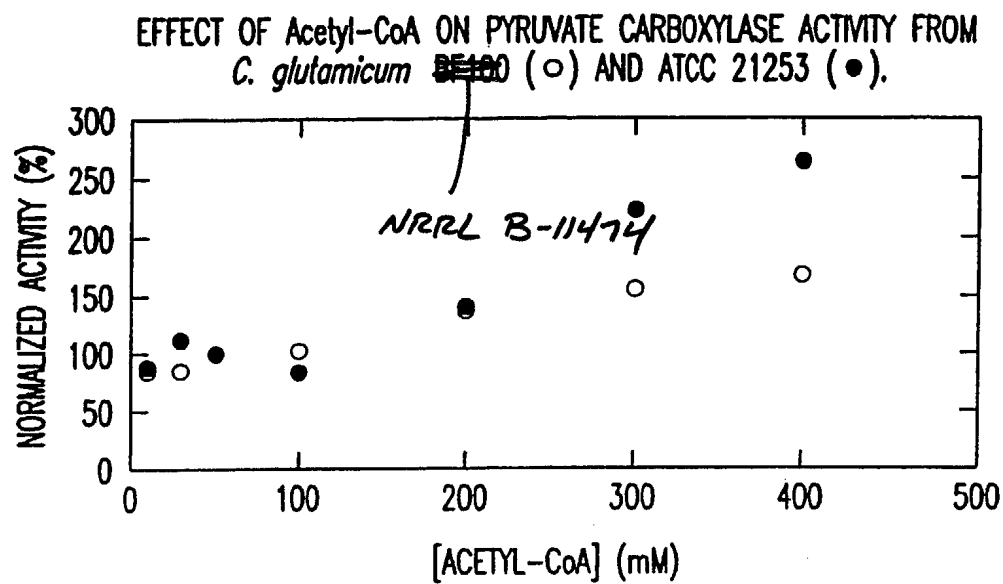


FIG. 5



EFFECT OF VARIOUS SUBSTRATE CONCENTRATIONS ON PYRUVATE CARBOXYLASE ACTIVITY FROM *C. glutamicum* NRRL B-11474 (○) AND ATCC 21253 (●).

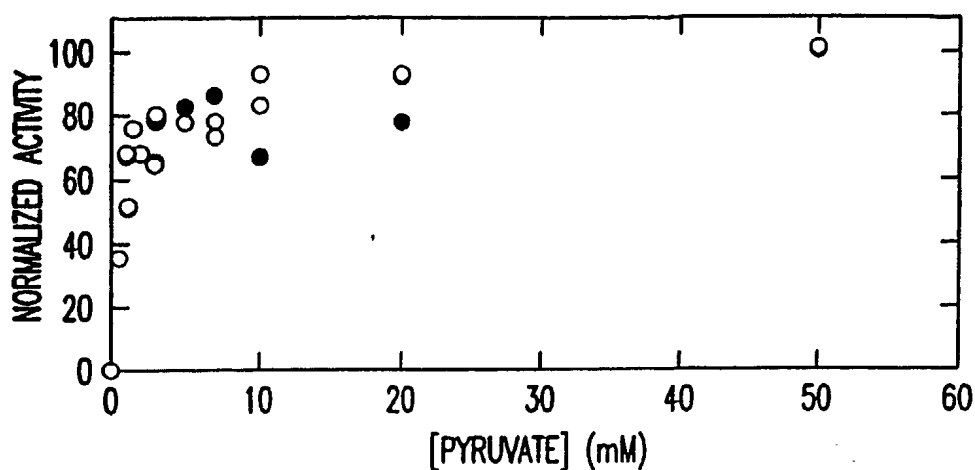


FIG. 3A

EFFECT OF VARIOUS SUBSTRATE CONCENTRATIONS ON PYRUVATE CARBOXYLASE ACTIVITY FROM *C. glutamicum* NRRL B-11474 (○) AND ATCC 21253 (●).

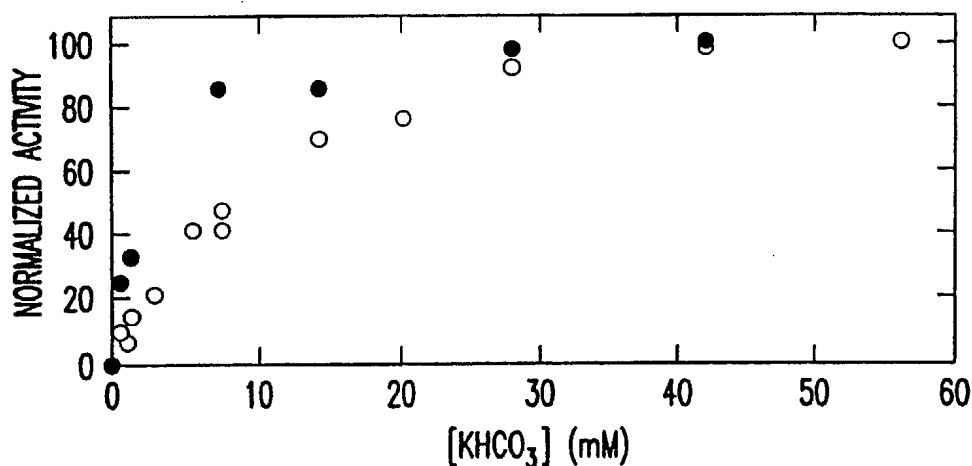


FIG. 3B

EFFECT OF VARIOUS SUBSTRATE CONCENTRATIONS ON PYRUVATE CARBOXYLASE ACTIVITY FROM *C. glutamicum* NRRL B-11474 (○) AND ATCC 21253 (●).

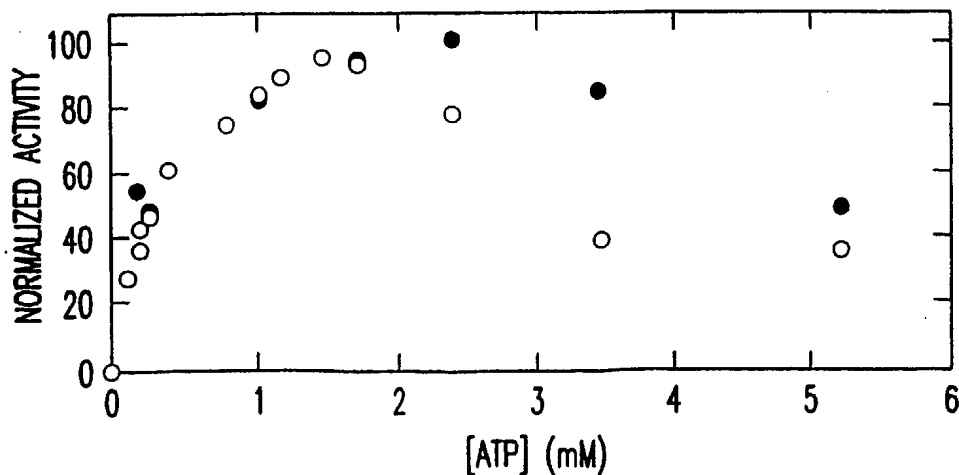


FIG. 3C

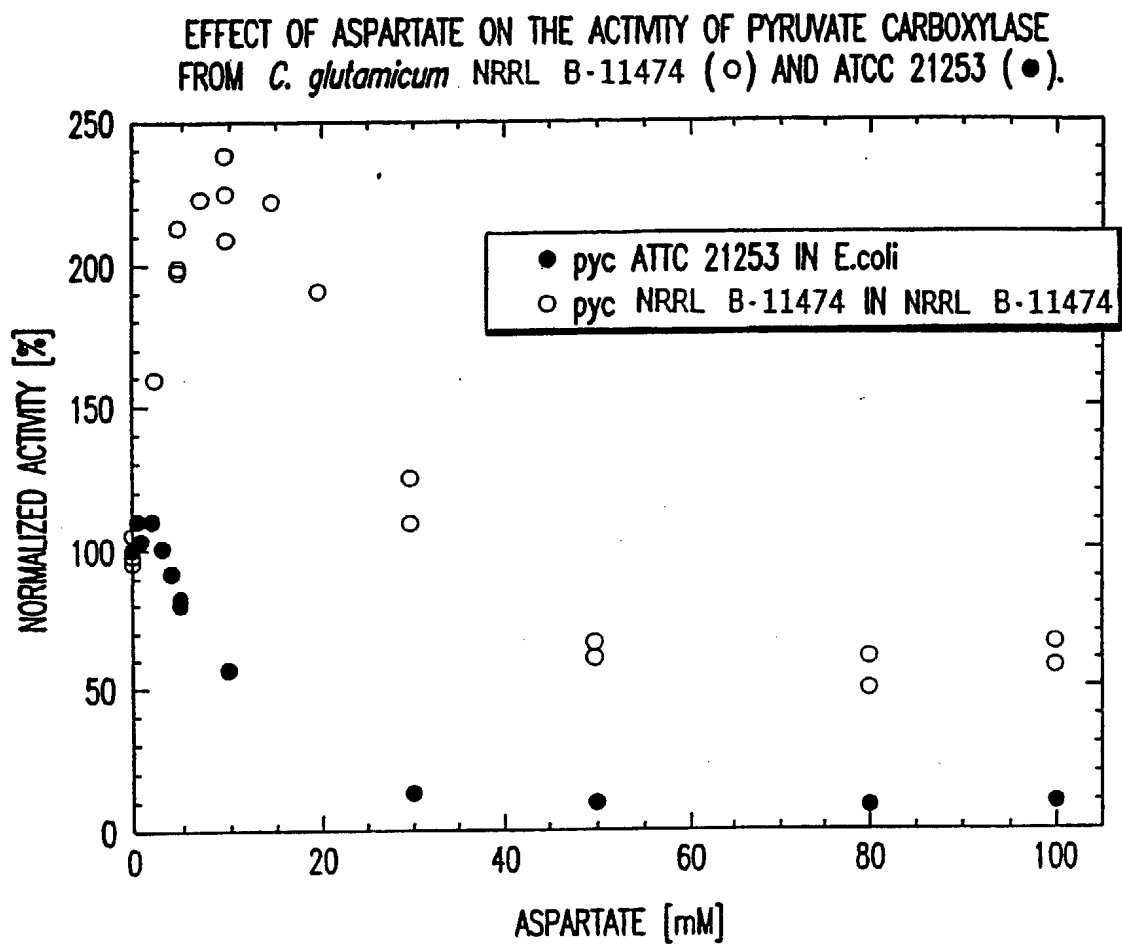


FIG. 4

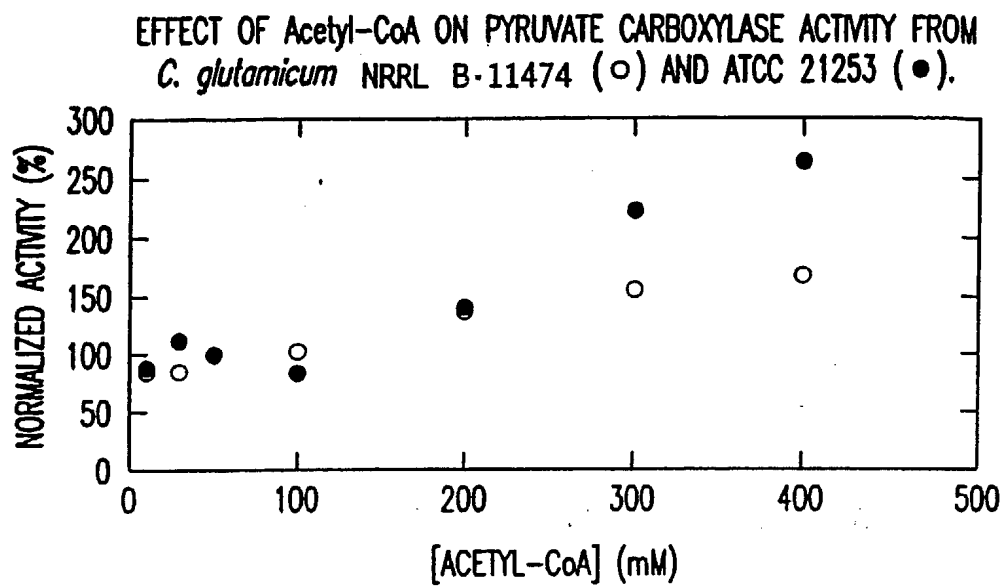


FIG. 5